

FIG. 1

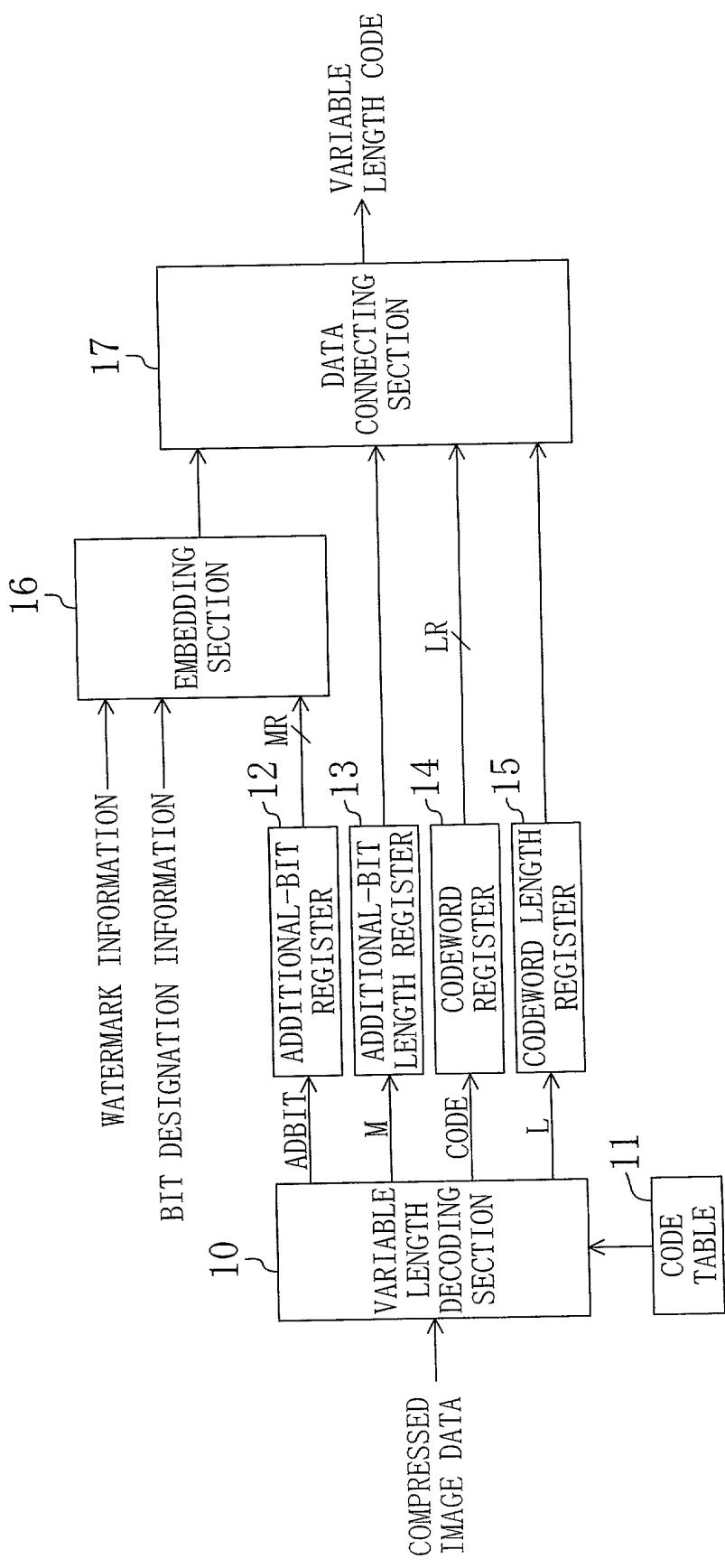


FIG. 2

BK00	BK01	BK0v
BK10	BK11	BK1v
⋮			
BKh0	BKh1	BKhv

FIG. 3

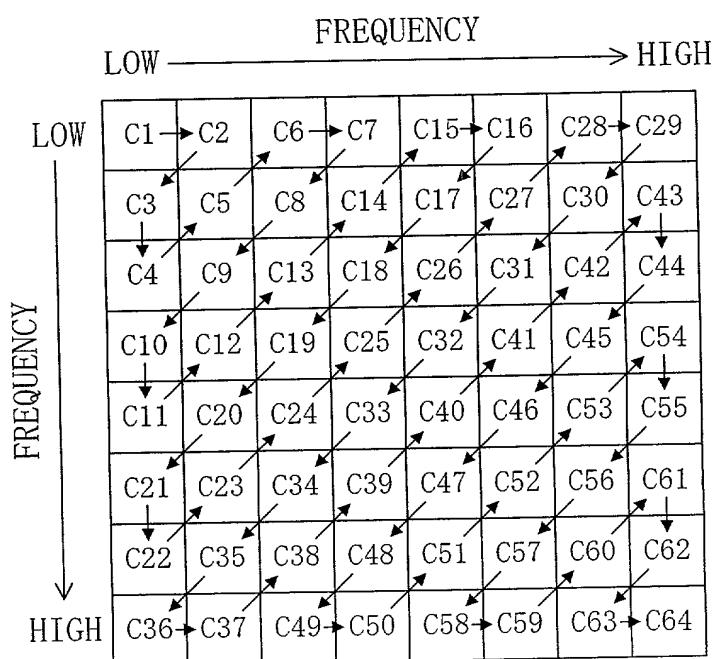


FIG. 4

GROUP NO. SSSS	QUANTIZED DCT COEFFICIENT VALUE D_q	NUMBER OF ADDITIONAL BITS
0	0	0
1	-1,+1	1
2	-3,-2,+2,+3	2
3	-7,..,-4,+4,..,+7	3
4	-15,..,-8,+8,..,+15	4
5	-31,..,-16,+16,..,+31	5
6	-63,..,-32,+32,..,+63	6
7	-127,..,-64,+64,..,+127	7
8	-255,..,-128,+128,..,+255	8
9	-511,..,-256,+256,..,+511	9
10	-1023,..,-512,+512,..,+1023	10
11	-2047,..,-1024,+1024,..,+2047	11

FIG. 5

ADDITIONAL BITS ADBIT	DCT COEFFICIENT D_q
0000	-15
0001	-14
0010	-13
0011	-12
0100	-11
0101	-10
0110	-9
0111	-8
1000	+8
1001	+9
1010	+10
1011	+11
1100	+12
1101	+13
1110	+14
1111	+15

FIG. 6

RUN/ GROUP NO.	CODE LENGTH	CODEWORD	RUN/ GROUP NO.	CODE LENGTH	CODEWORD
0/0 (EOB)	4	1010	5/1	7	1111010
0/1	2	00	5/2	11	11111110111
0/2	2	01	5/3	16	1111111110011110
0/3	3	100	5/4	16	11111111110011111
0/4	4	1011	5/5	16	111111111110100000
0/5	5	11010	5/6	16	1111111111110100001
0/6	7	1111000	5/7	16	11111111111110100010
0/7	8	11111000	5/8	16	111111111111110100011
0/8	10	1111110110	5/9	16	1111111111111110100100
0/9	16	1111111110000010	5/A	16	11111111111111110100101
0/A	16	1111111110000011	6/1	7	1111011
1/1	4	1100	6/2	12	1111111110110
1/2	5	11011	6/3	16	11111111110100110
1/3	7	1111001	6/4	16	111111111110100111
1/4	9	111110110	6/5	16	1111111111110101000
1/5	11	11111110110	6/6	16	11111111111110101001
1/6	16	1111111110000100	6/7	16	111111111111110101010
1/7	16	1111111110000101	6/8	16	1111111111111110101011
1/8	16	1111111110000110	6/9	16	11111111111111110101100
1/9	16	1111111110000111	6/A	16	1111111111111111101101
1/A	16	11111111110001000	7/1	8	11111010
2/1	5	11100	7/2	12	1111111110111
2/2	8	11111001	7/3	16	11111111110101110
2/3	10	1111110111	7/4	16	111111111110101111
2/4	12	1111111110100	7/5	16	1111111111110110000
2/5	16	11111111110001001	7/6	16	11111111111110110001
2/6	16	11111111110001010	7/7	16	111111111111110110010
2/7	16	11111111110001011	7/8	16	1111111111111110110011
2/8	16	11111111110001100	7/9	16	11111111111111110110100
2/9	16	11111111110001101	7/A	16	1111111111111111101101
2/A	16	11111111110001110	8/1	9	111111000
3/1	6	111010	8/2	15	1111111111000000
3/2	9	111110111	8/3	16	111111111110110110
3/3	12	1111111110101	8/4	16	1111111111110110111
3/4	16	11111111110001111	8/5	16	11111111111110111000
3/5	16	11111111110010000	8/6	16	111111111111110111001
3/6	16	11111111110010001	8/7	16	1111111111111110111010
3/7	16	11111111110010010	8/8	16	11111111111111110111011
3/8	16	11111111110010011	8/9	16	111111111111111110111100
3/9	16	11111111110010100	8/A	16	1111111111111111110111101
3/A	16	11111111110010101	9/1	9	111111001
4/1	6	111011	9/2	16	11111111110111110
4/2	10	1111111000	9/3	16	1111111111101111111
4/3	16	11111111110010110	9/4	16	1111111111110000000
4/4	16	11111111110010111	9/5	16	111111111111110000001
4/5	16	11111111110011000	{	{	{
4/6	16	11111111110011001	F/8	16	11111111111111111100
4/7	16	11111111110011010	F/9	16	111111111111111111101
4/8	16	11111111110011011	F/A	16	111111111111111111110
4/9	16	11111111110011100			
4/A	16	11111111110011101			

FIG. 7

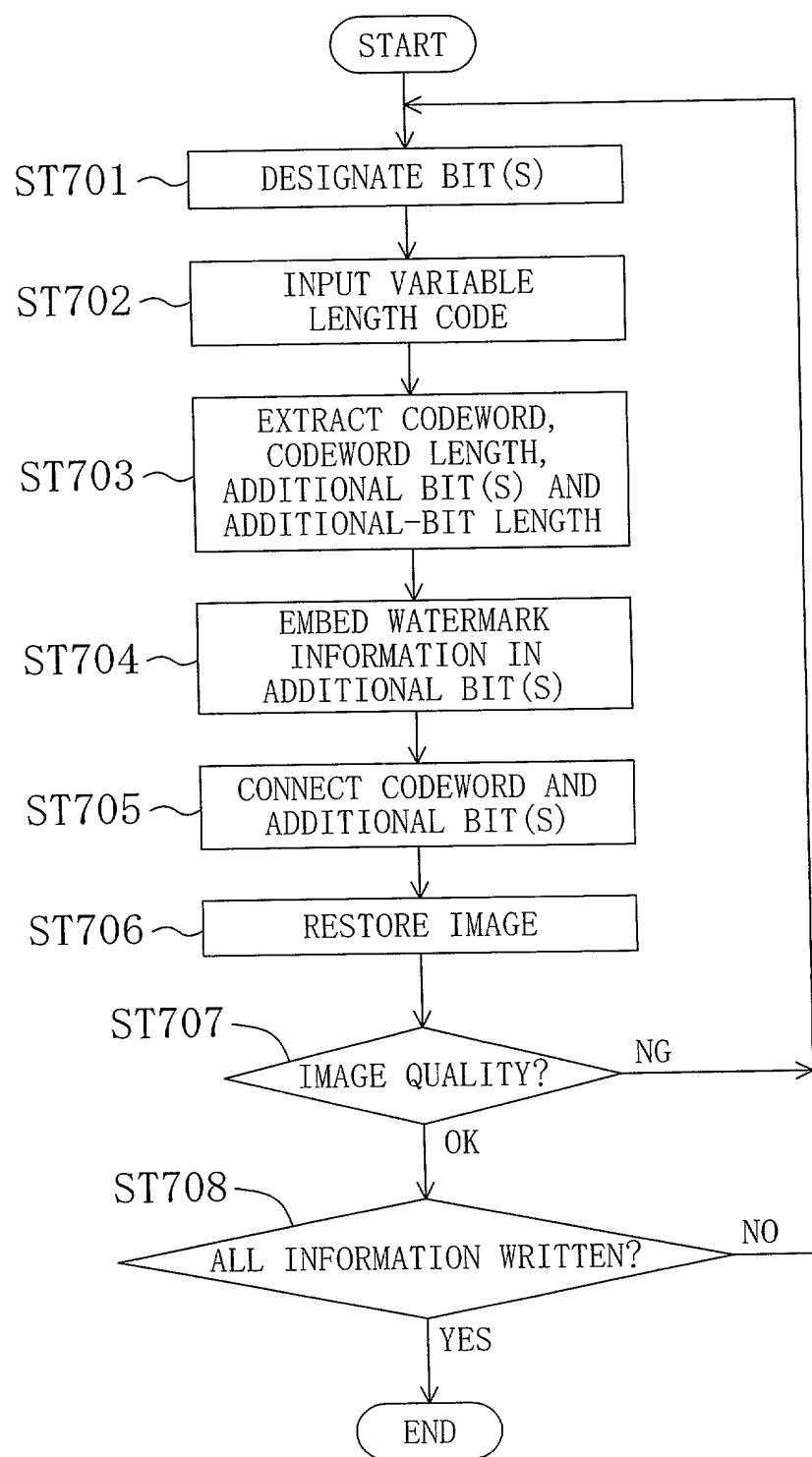


FIG. 8

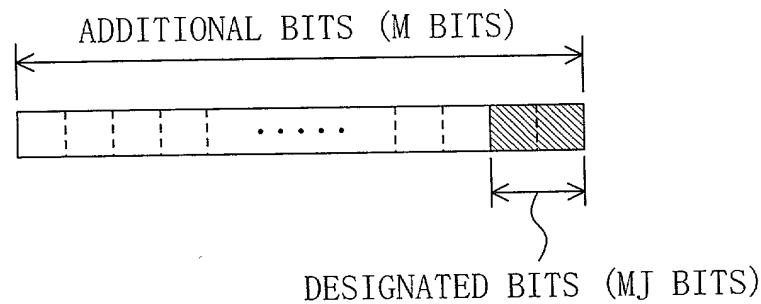


FIG. 9

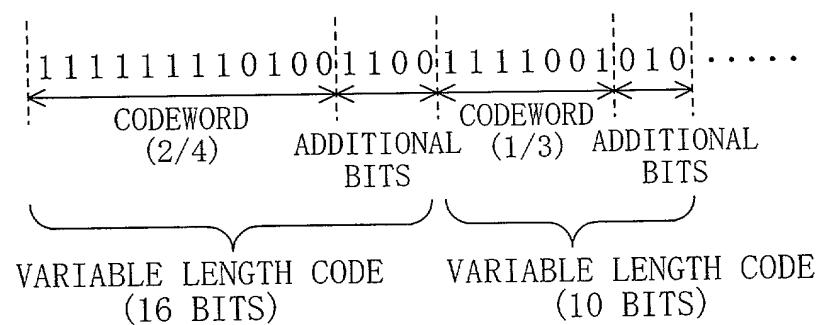


FIG. 10

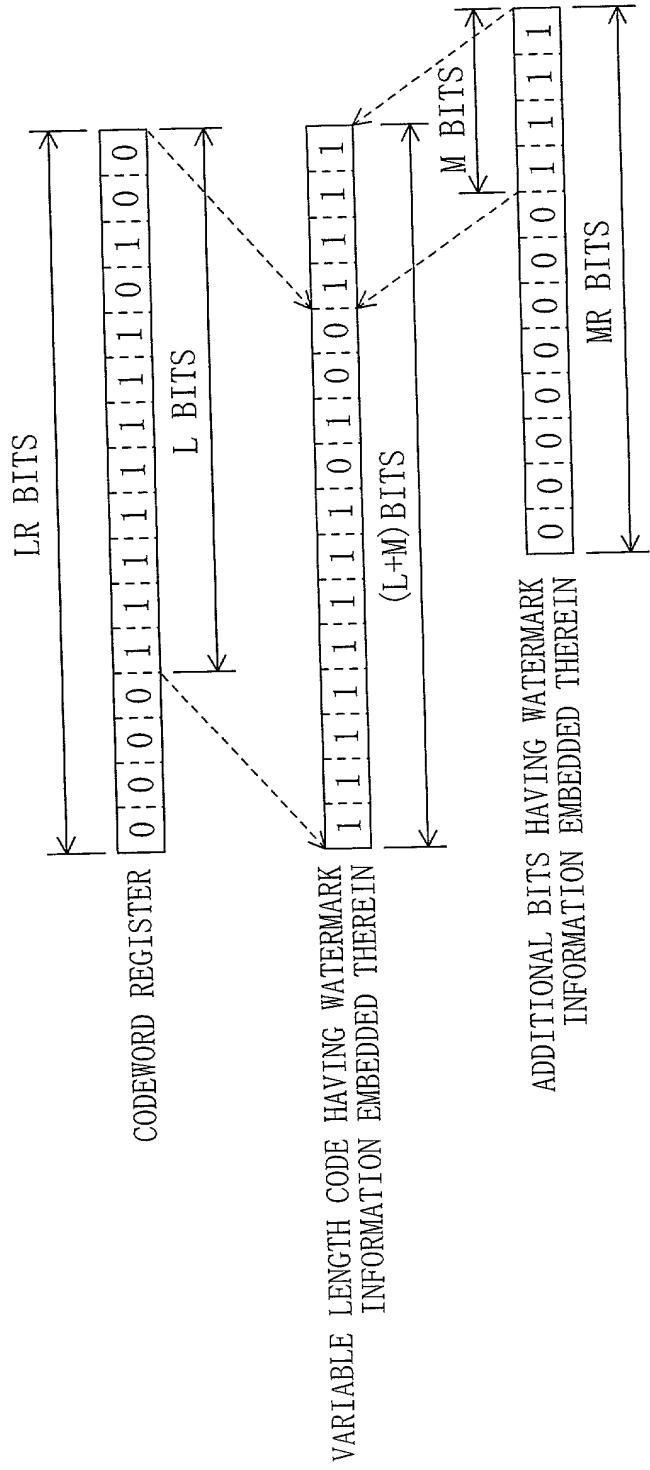


FIG. 11

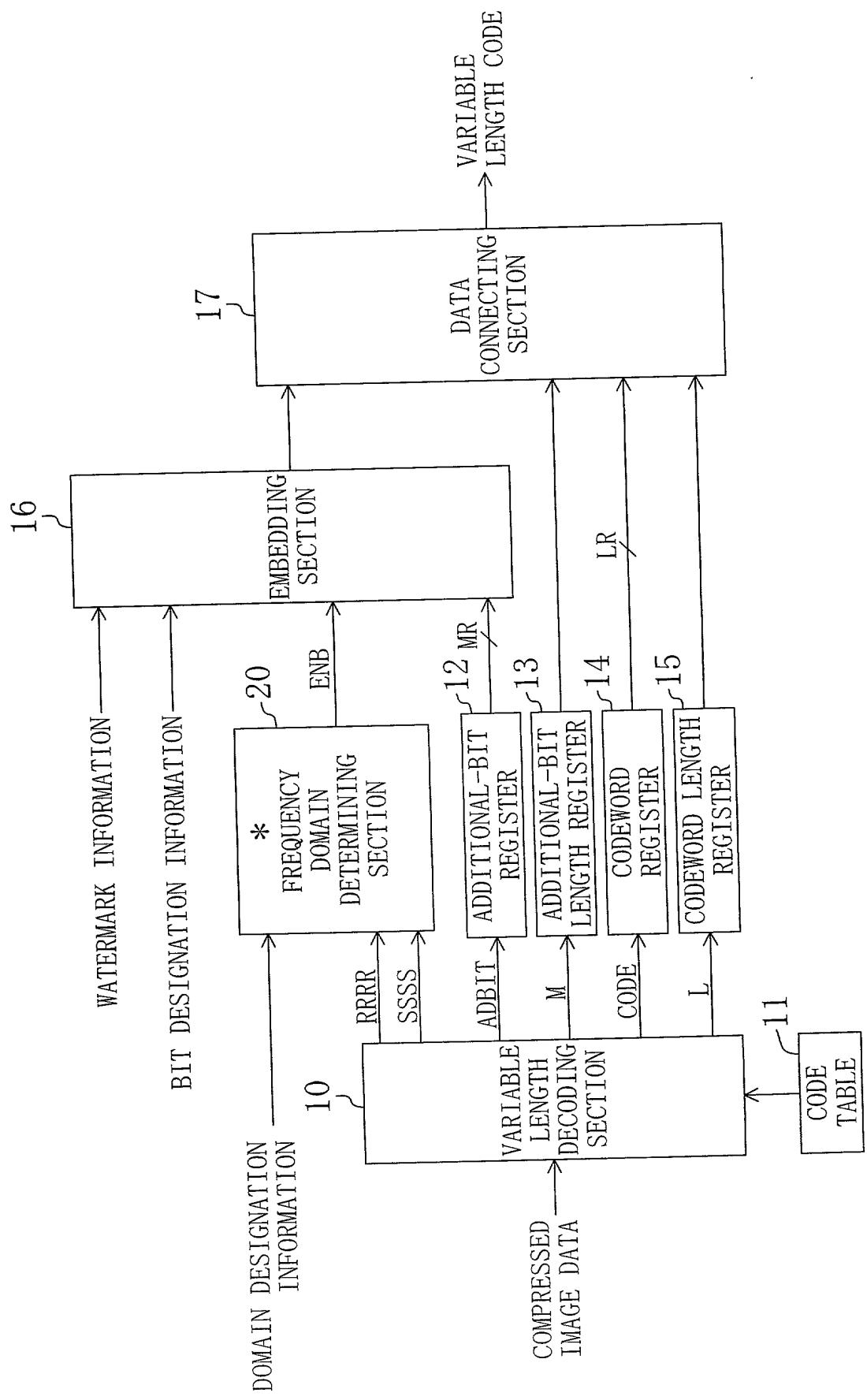


FIG. 12

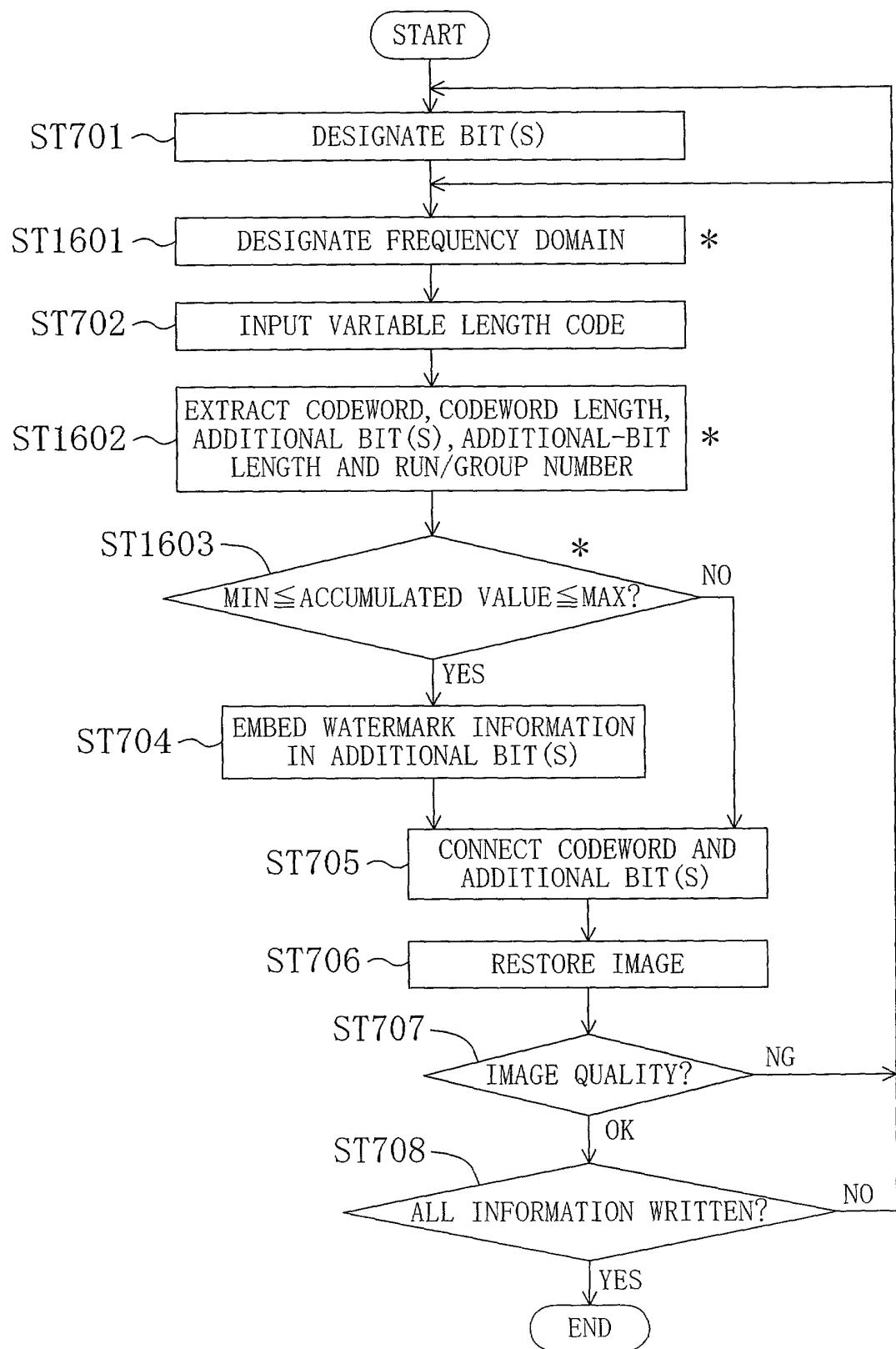


FIG. 13

	MINIMUM VALUE MIN	MAXIMUM VALUE MAX
ACCUMULATED VALUE OF (RRRR+1)	5	20

FIG. 14

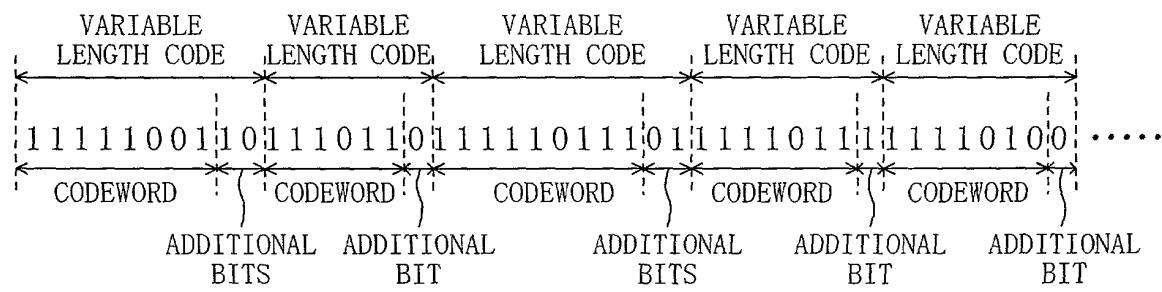


FIG. 15

CODEWORD (CODE)	11111001	111011	111110111	1111011	1111010	...
CODEWORD LENGTH (L)	8	6	9	7	7	...
ADDITIONAL BITS (ADBIT)	10	0	01	1	0	...
ADDITIONAL-BIT LENGTH (M)	2	1	2	1	1	...
RRRR/SSSS	2/2	4/1	3/2	6/1	5/1	...
ACCUMULATED VALUE OF (RRRR+1)	3	8	12	19	25	...

FIG. 16

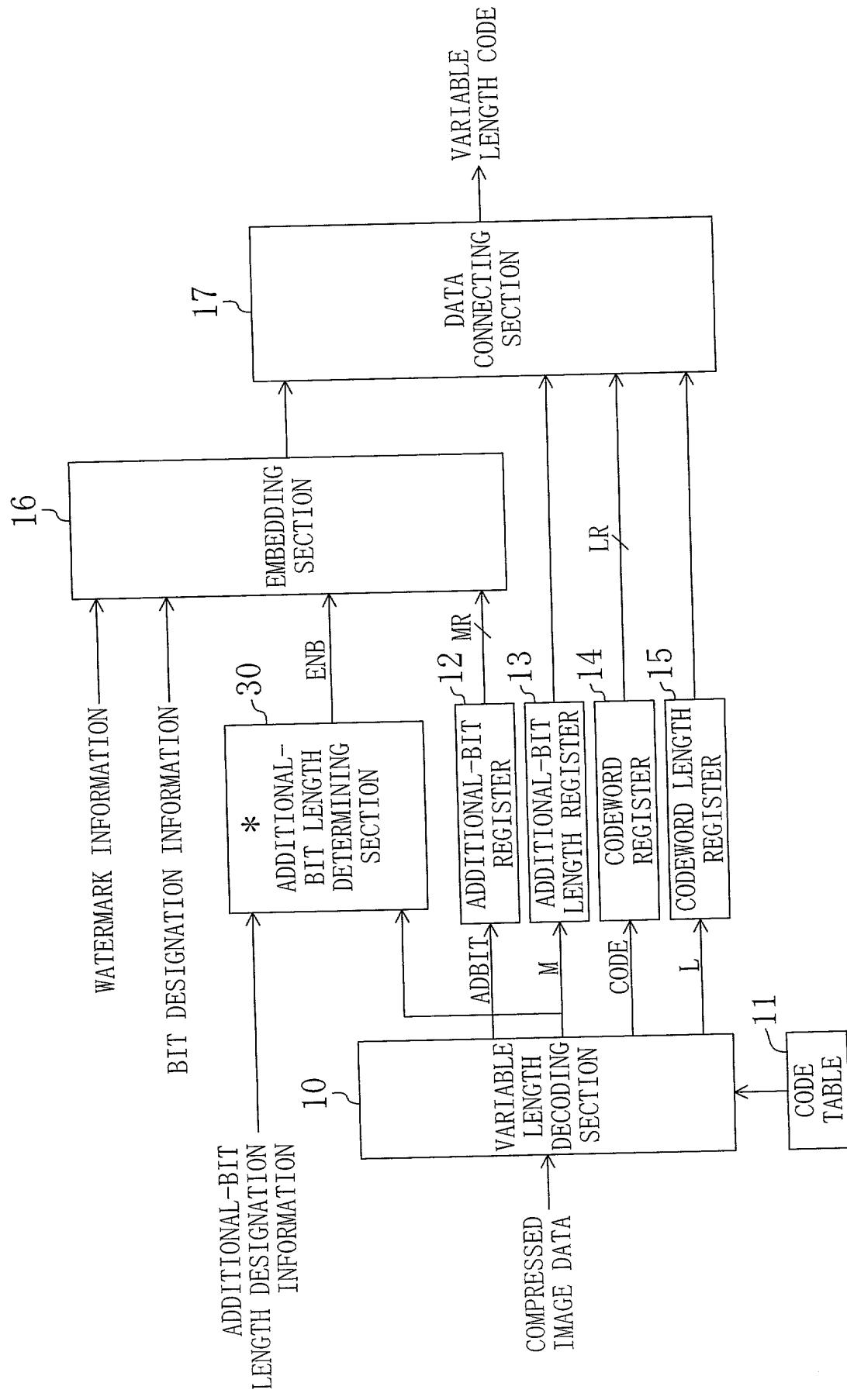


FIG. 17

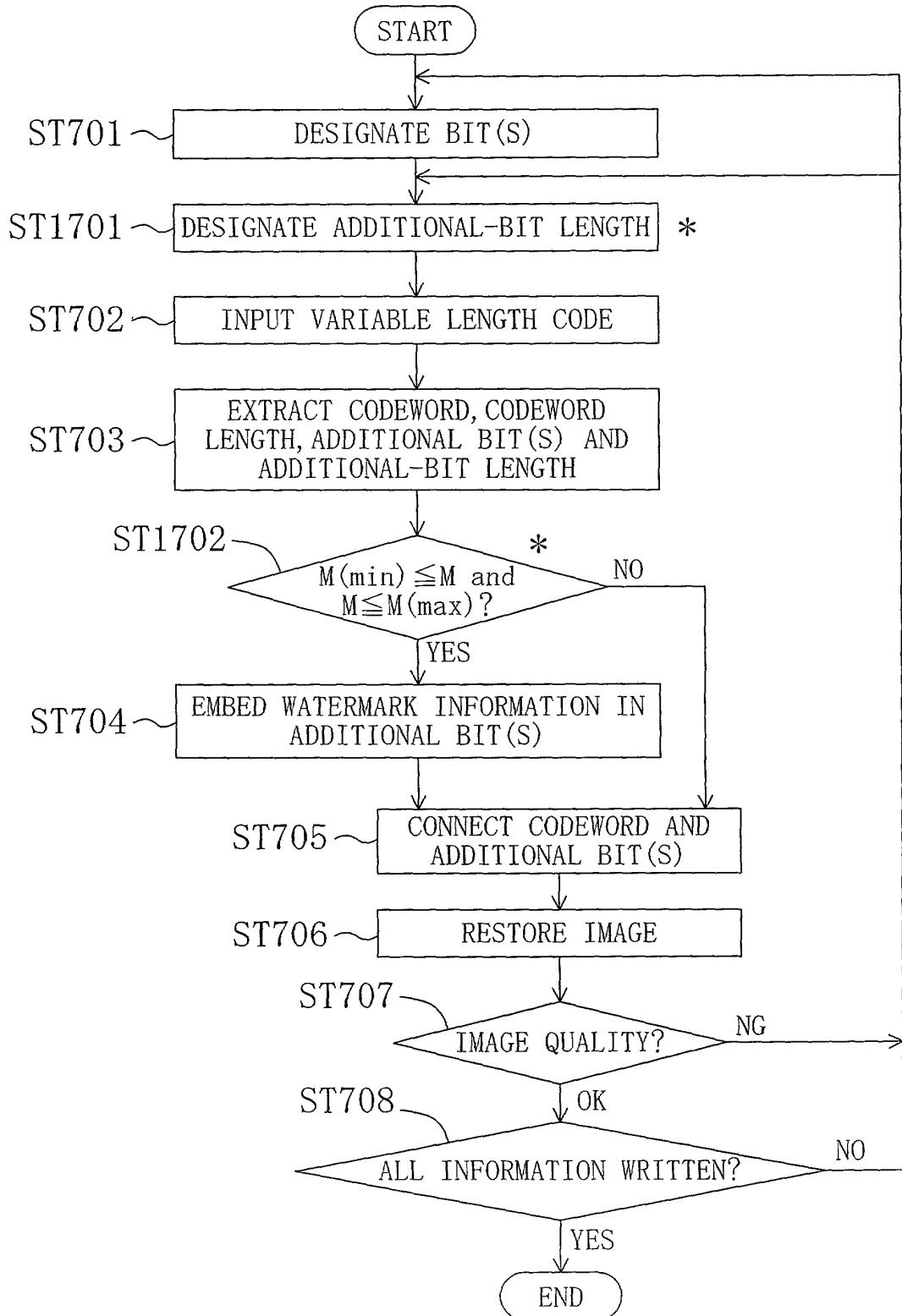


FIG. 18

MINIMUM BIT LENGTH M(min)	MAXIMUM BIT LENGTH M(max)
3	7

FIG. 19

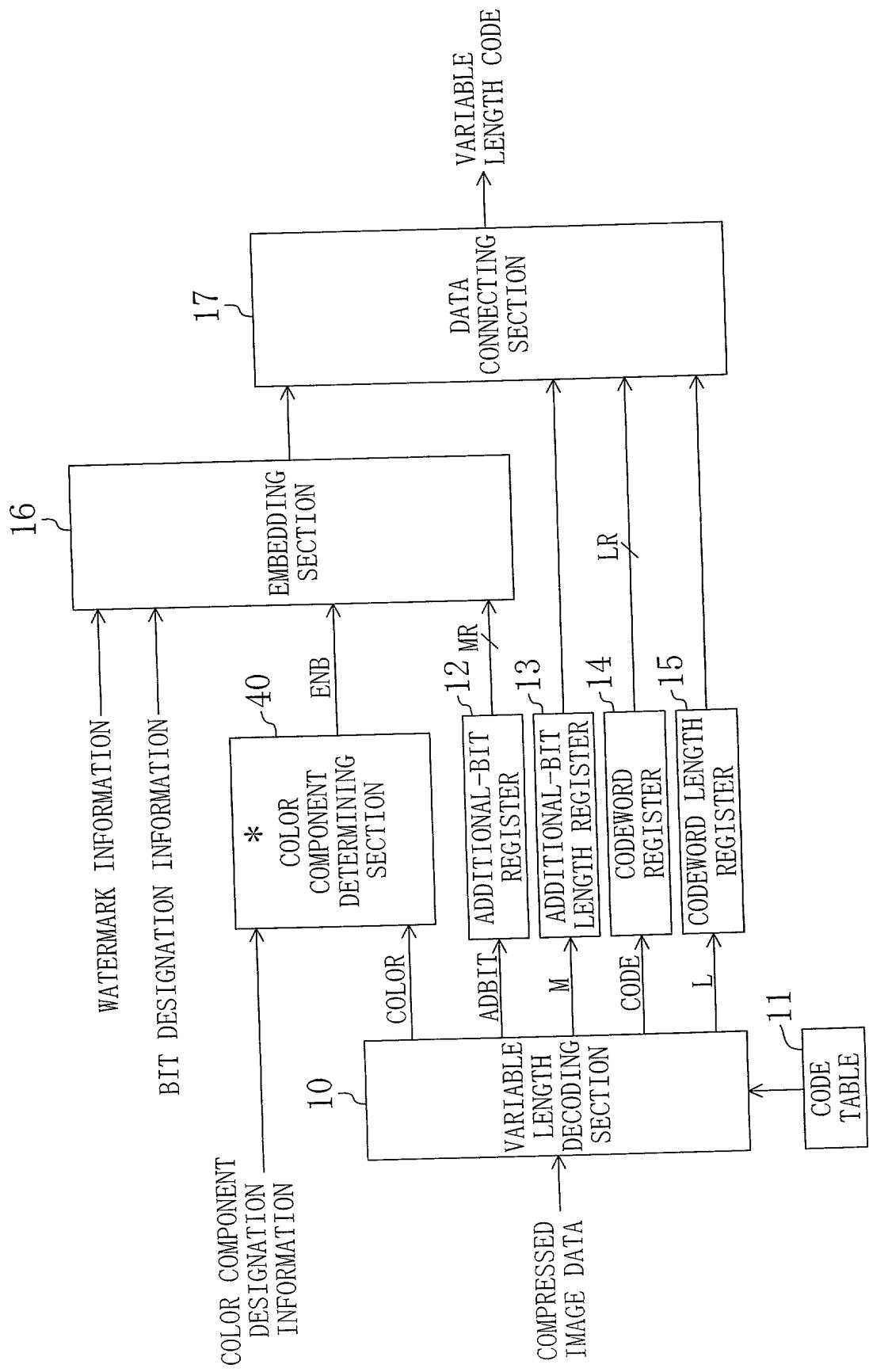


FIG. 20

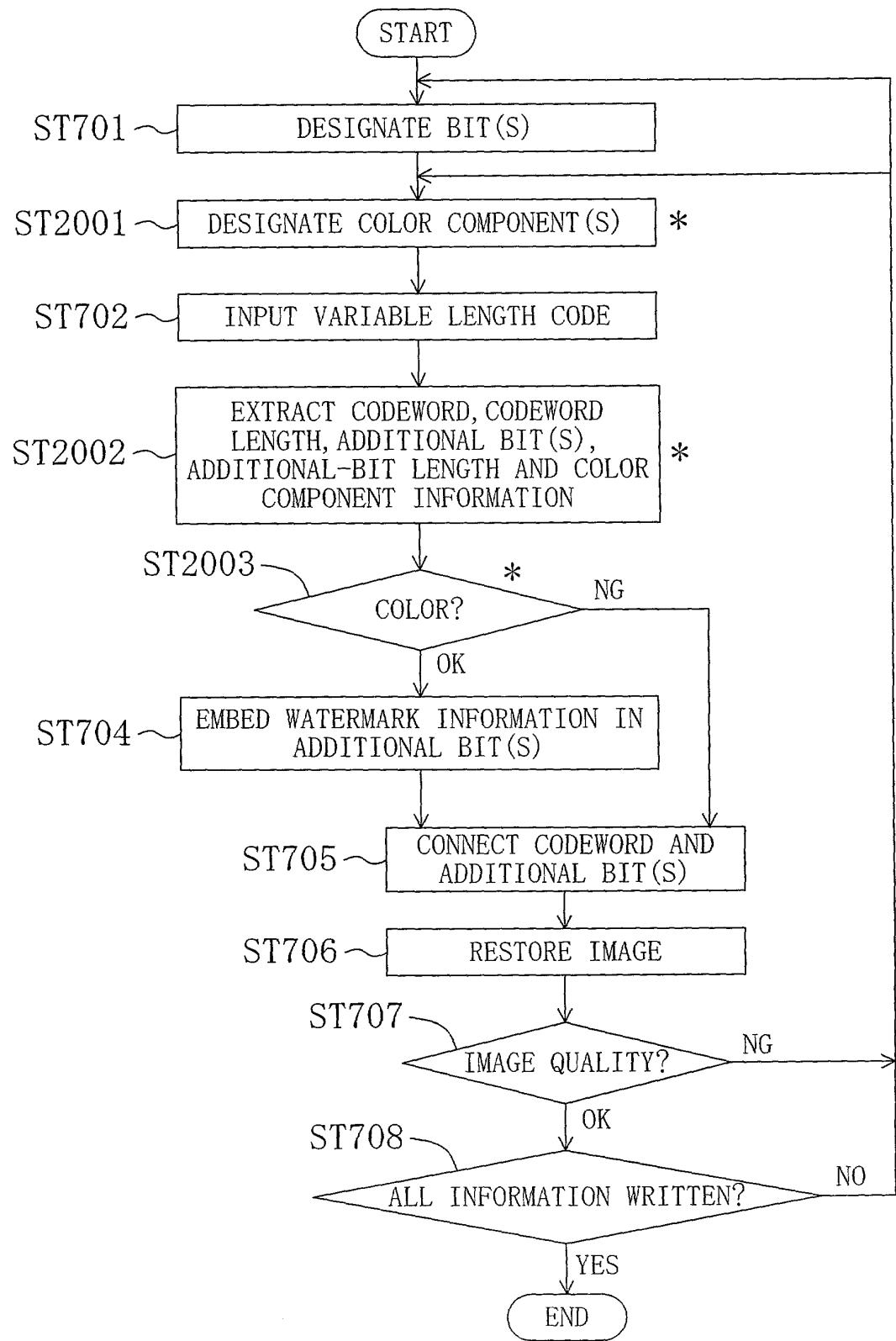


FIG. 21

COLOR COMPONENT DESIGNATION INFORMATION			DESIGNATED COLOR COMPONENTS
YE	UE	VE	
0	0	0	NONE
0	0	1	V ONLY
0	1	0	U ONLY
0	1	1	U AND V
1	0	0	Y ONLY
1	0	1	Y AND V
1	1	0	Y AND U
1	1	1	ALL

FIG. 22

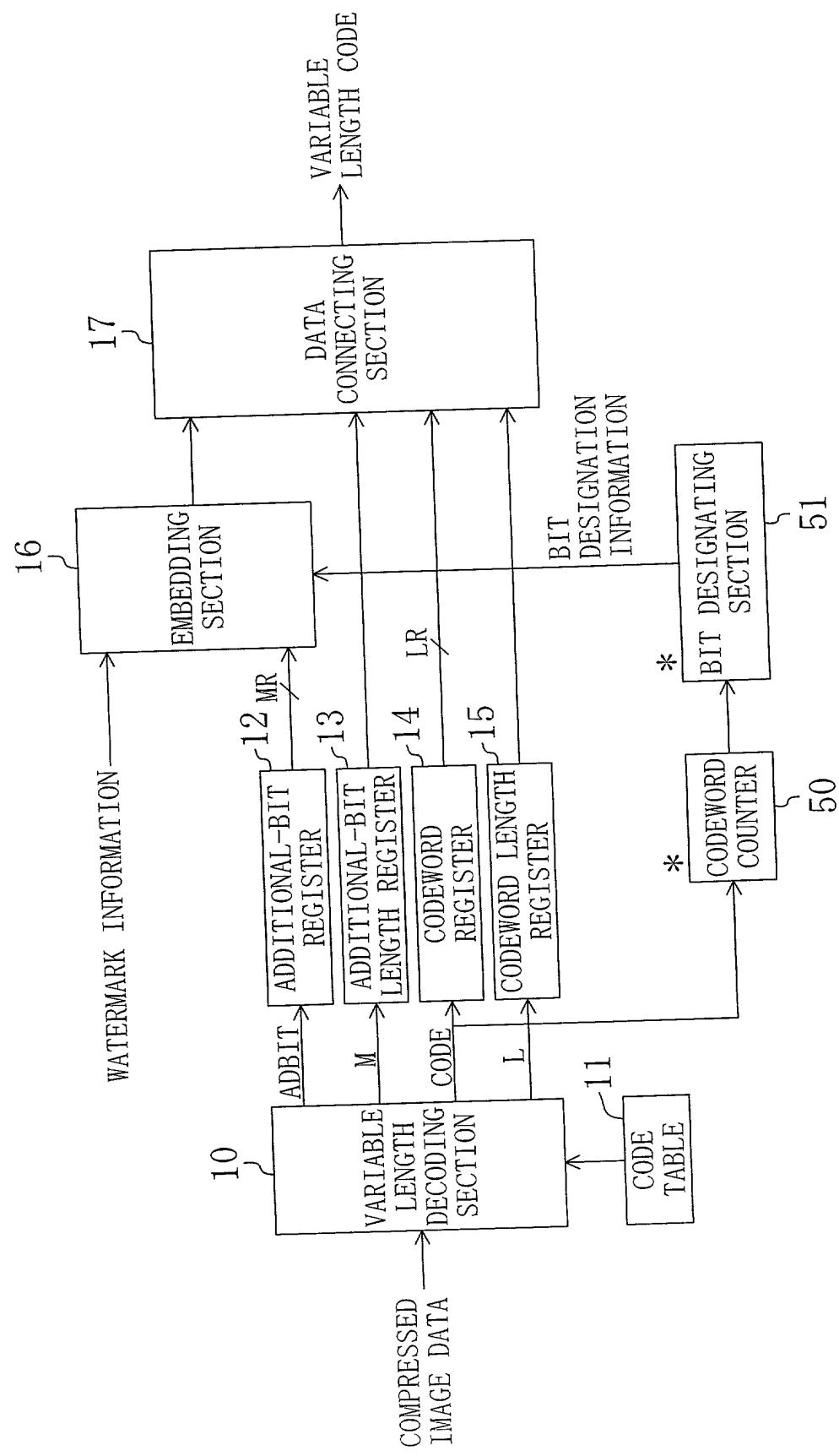


FIG. 23

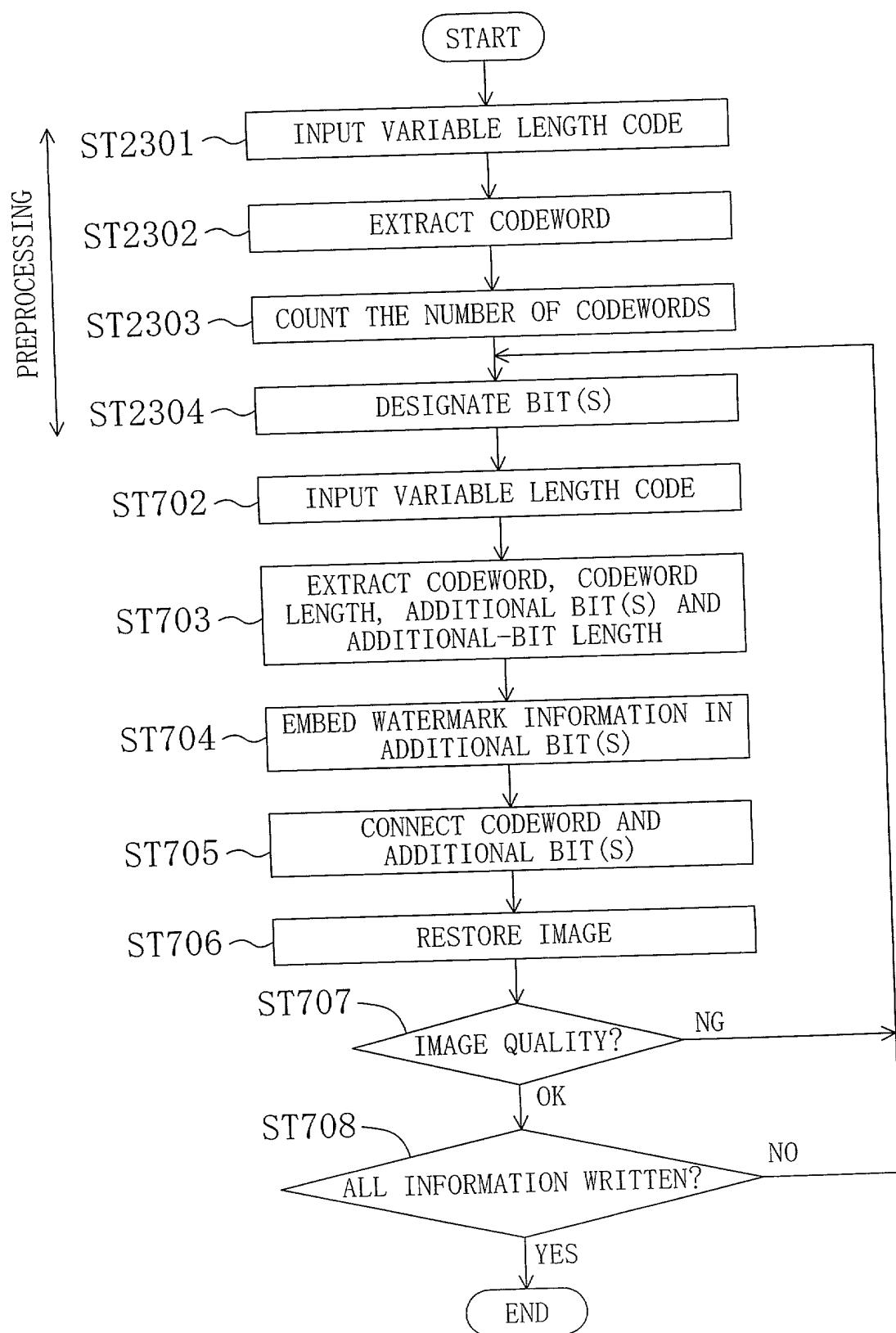


FIG. 24

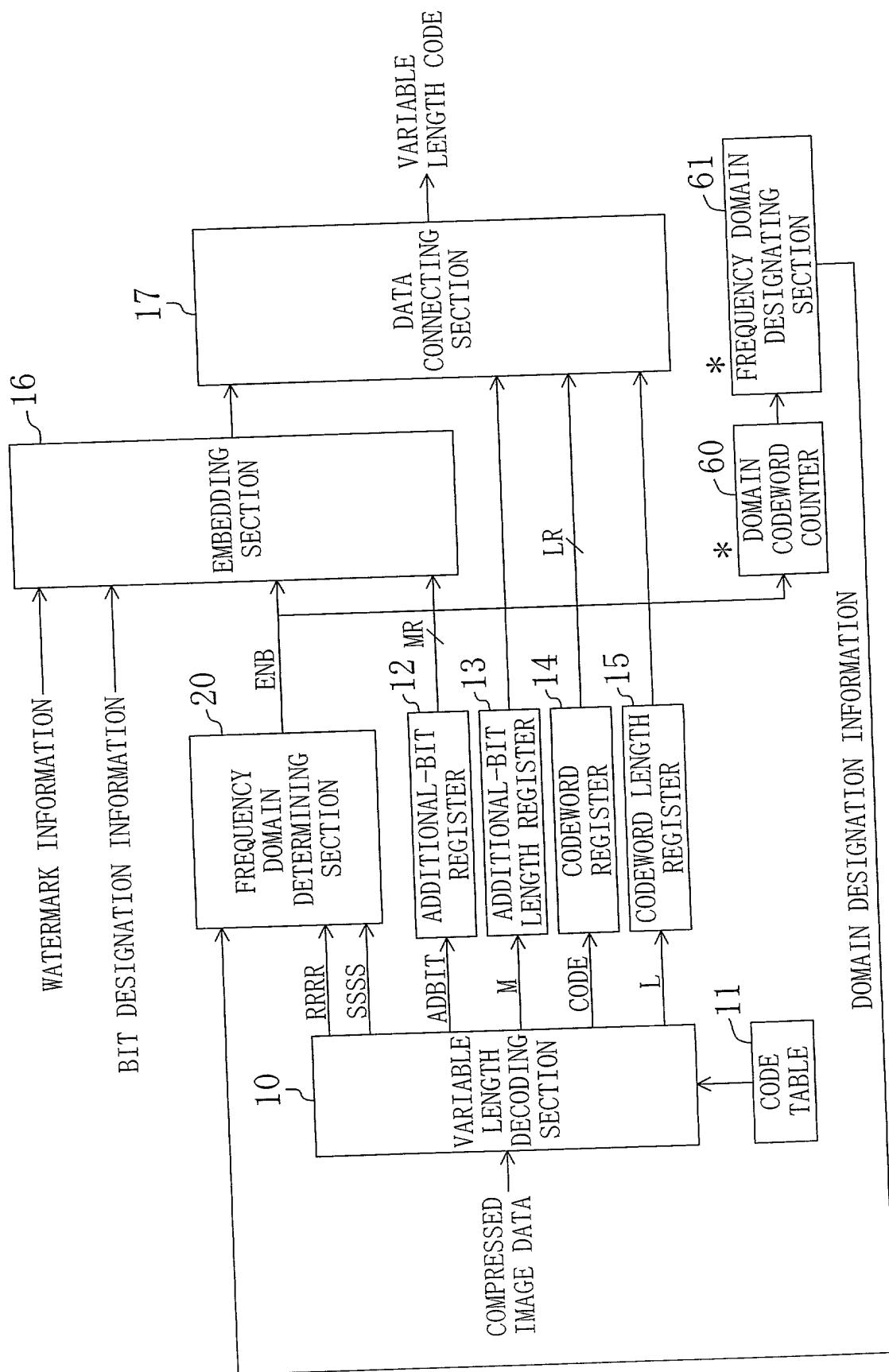


FIG. 25

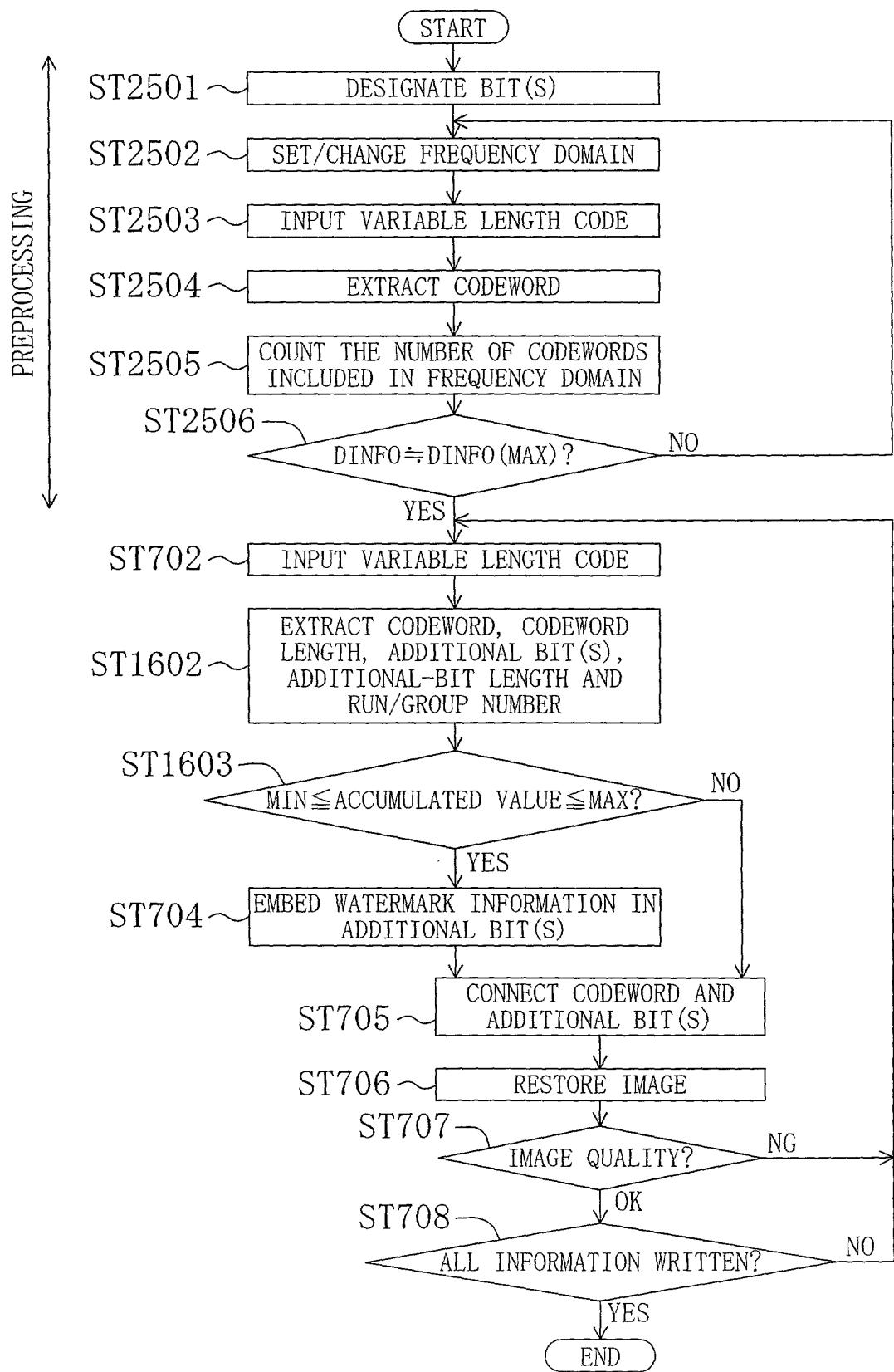


FIG. 26

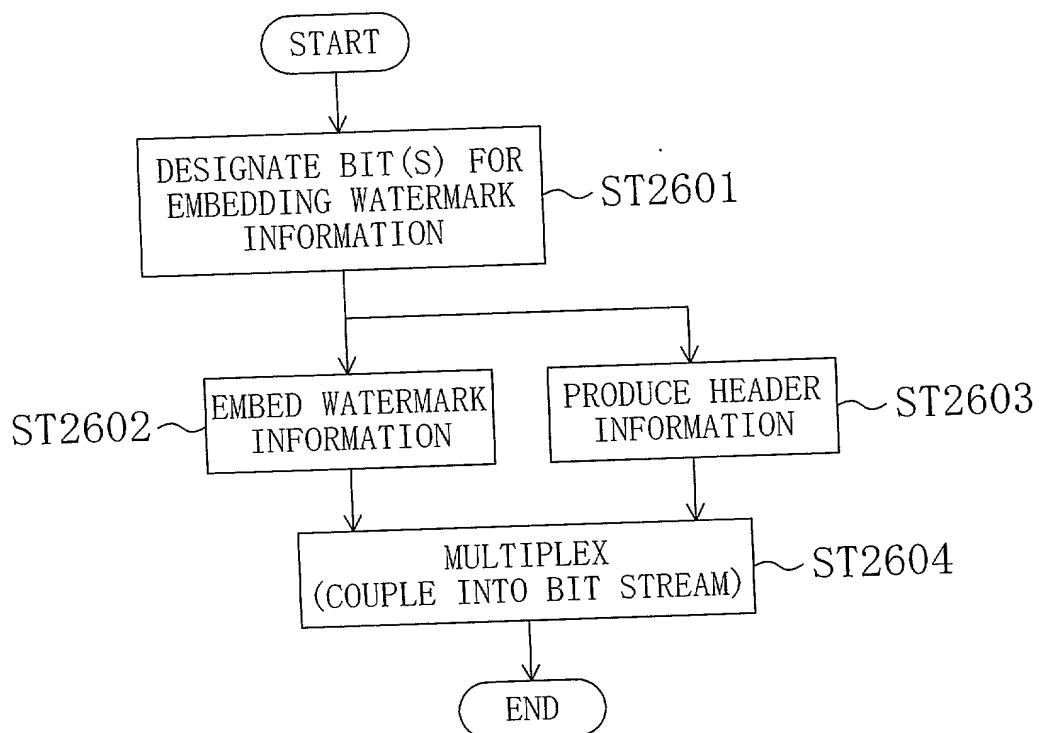


FIG. 27

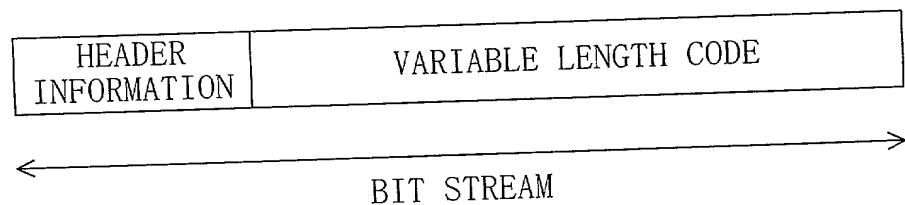


FIG. 28

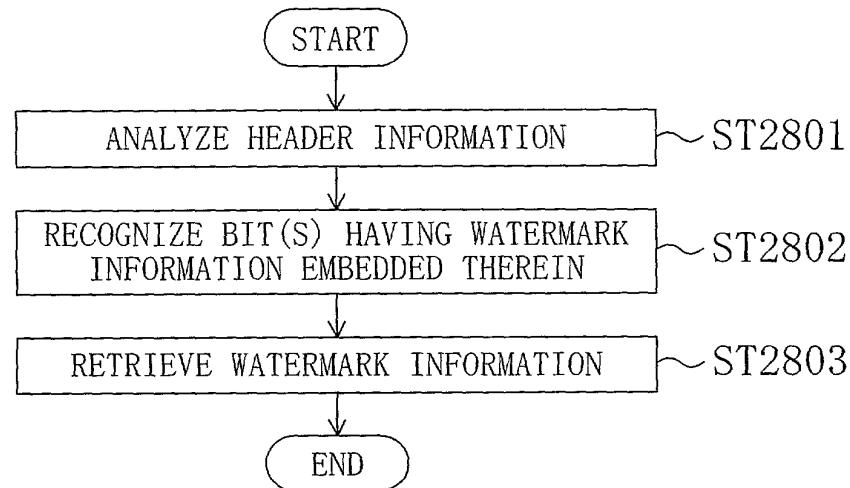


FIG. 29

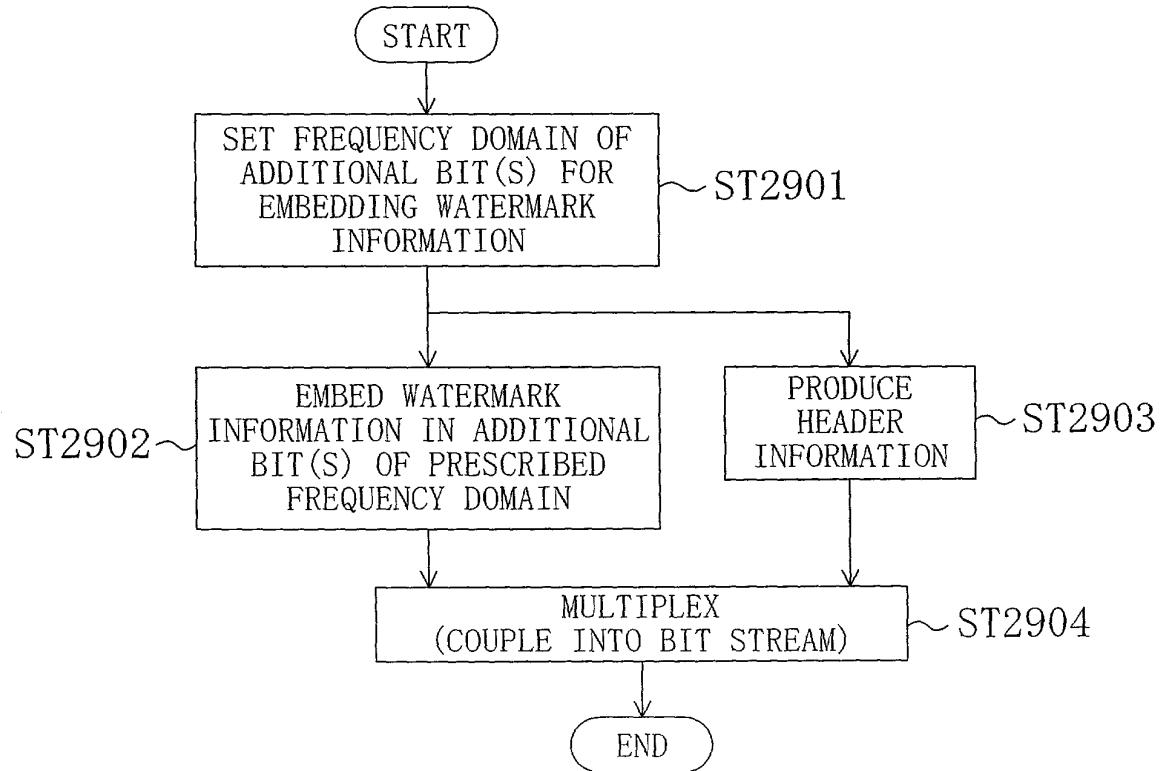


FIG. 30

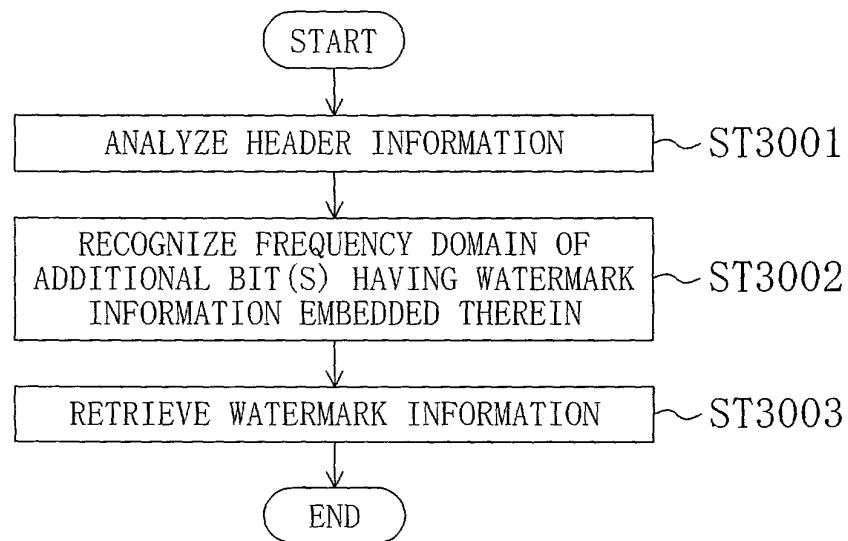


FIG. 31
RELATED ART

